



Keeping New Zealand Fruit Fly Free

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NEW ZEALAND KIWIFRUIT GROWING REGIONS

LEGEND

 Kiwifruit Orchards



Fruit flies

- Queensland, Oriental and Mediterranean species
- 12 border crossings since 1995
- Queensland FF greatest risk
- Severe market access impacts



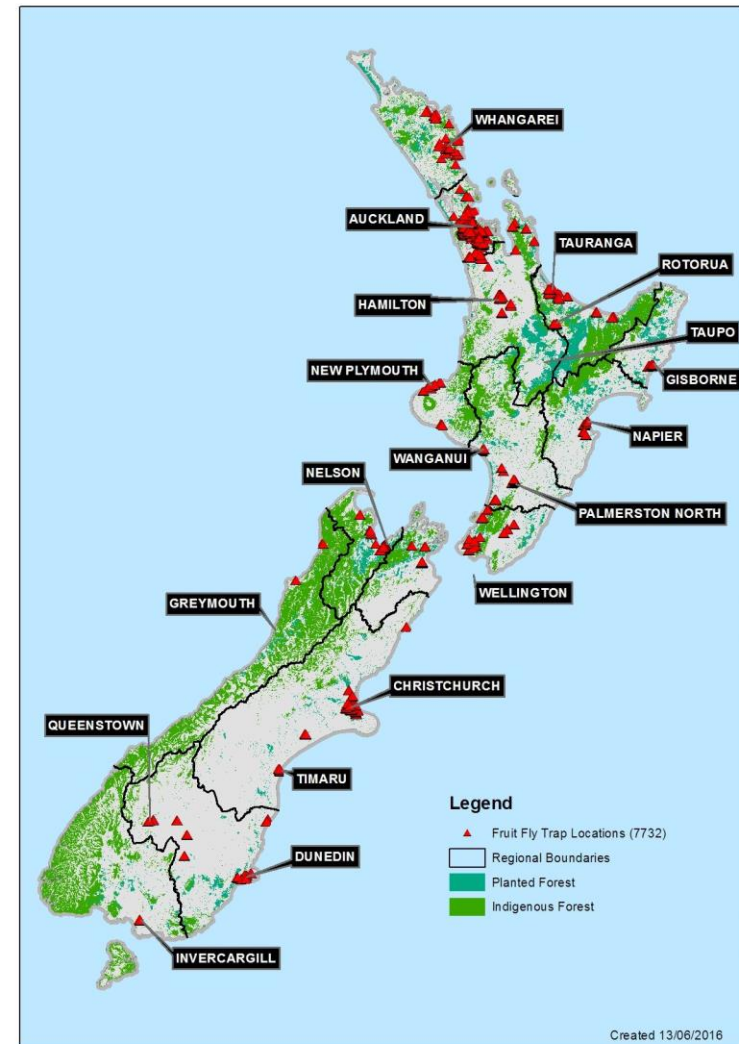
Fruit fly surveillance

An official programme led by government



Biosecurity New Zealand

Tiakitanga Pūtaiao Aotearoa



2022/2023 season summary

- No new finds
- No border interceptions this high risk season
- 7,878 traps currently deployed
- 108,882 trap visits (as of 28 March 2023)
- 7,411 samples, all negative
- Watching South Australia situation





Ministry for Primary Industries
Manatū Ahu Matua



Vegetables
NEW ZEALAND

**New Zealand
Avocado**

GI
Biosecurity through Partnership

TomatoesNZ



Horticulture™
New Zealand
Ahumāra Kai Aotearoa

CITRUS
NEW ZEALAND

Summerfruit
NEW ZEALAND

**New Zealand
Apples & Pears™**



Fruit fly readiness projects



1. Contingency planning

- Alternative insecticides / DDVP
- Tools for large scale responses

2. Where do incursions come from?

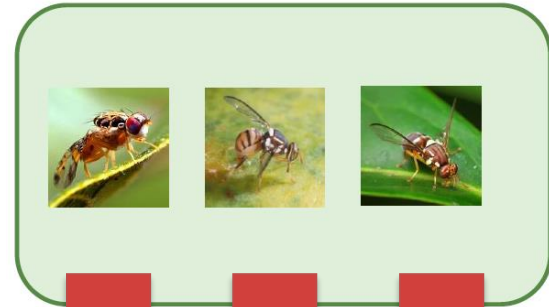
- Isotope testing and genetic analysis

3. Refining current traps

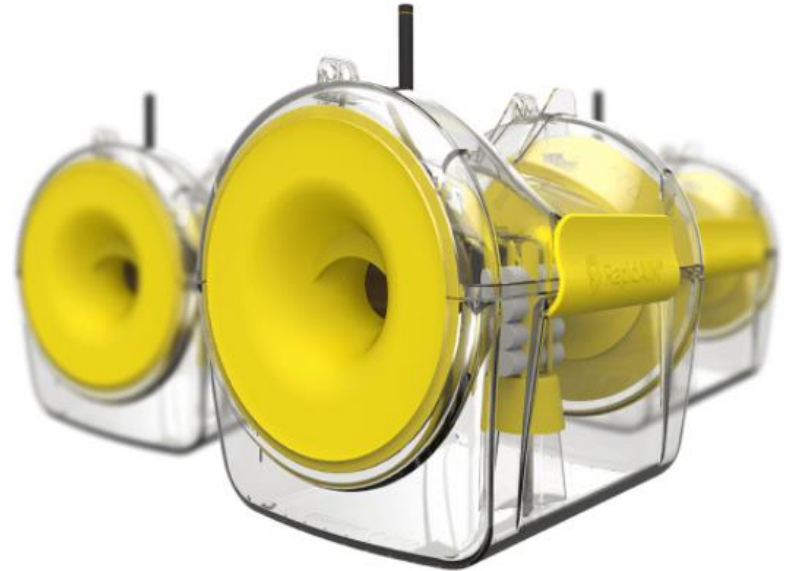
- Combining fruit fly lures
- Automated traps
- Female traps

Combining lures

- Currently use three lures in New Zealand surveillance
 - Methyl Eugenol
 - Cuelure
 - Trimedlure
- Seeking efficiency with no loss of efficacy



Rapid aim trials



Fruition traps for females

- Not as sensitive as male pheromone lures
- Targets mature egg laying females
- Expensive, requires high density (50+ traps / ha)
- Useful addition for response toolbox (not surveillance)



LET'S HIT AN UNWELCOME AUSSIE VISITOR FOR SIX!



New Zealand growers appeal to cricket fans -
**PLEASE DON'T TAKE ANY FRUIT
TO THE BIG GAME TOMORROW!**

**This is the only time we
will ask you not to eat fruit!**

And can we please say an enormous thank you to all the residents in the controlled area, the inspectors and staff who have been working tirelessly on the Queensland fruit fly response and to the organisers and participants of Paalika and the cricket - thank you very much for your tolerance and support.



